

**Amendments to the Claims:** The following listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of the Claims:**

1. (currently amended)      A portable beverage dispensing system comprising:
  - (a)      a supply of flat water;
  - (b)      a supply of pressurized gaseous carbon dioxide ~~comprising a high pressure gas cylinder having a neck with a throat, and a plug inserted and retained within the throat and having a pierceable membrane connected thereto;~~
  - (c)      a first motorless carbonator configured to receive a portion of the flat water and a portion of the carbon dioxide and to cause a portion of the carbon dioxide to dissolve in the flat water to produce partially carbonated soda;
  - (d)      a second motorless carbonator configured to receive a portion of the partially carbonated soda and a portion of the carbon dioxide and to cause a portion of the carbon dioxide to dissolve in the partially carbonated soda and to produce fully carbonated soda; ~~and~~
  - (e)      a dispenser for selectively dispensing the fully carbonated soda; and
  - (f)      a flavored syrup supply and at least one pneumatic pump powered by the pressurized carbon dioxide, the pump being configured to cause flavored syrup to pass from the syrup supply to the dispenser, and wherein the dispenser mixes syrup with the fully carbonated soda in a desired proportion.
2. (original)      A portable beverage dispensing system according to claim 1 wherein the flat water is supplied to the first motorless carbonator at about 90 psi to about 110 psi.

3. (original) A portable beverage dispensing system according to claim 2 wherein the flat water is supplied to the first motorless carbonator at about 100 psi.
4. (original) A portable beverage dispensing system according to claim 1 wherein the carbon dioxide is supplied to the first and second motorless carbonators at about 90 psi to about 110 psi.
5. (original) A portable beverage dispensing system according to claim 4 wherein the carbon dioxide is supplied to the first and second motorless carbonators at about 100 psi.
6. (original) A portable beverage dispensing system according to claim 1 wherein the partially carbonated soda has about 2.4 percent to about 3.6 percent carbonation.
7. (original) A portable beverage dispensing system according to claim 6 wherein the fully carbonated soda has about 3.6 percent to about 4.2 percent carbonation.
8. (original) A portable beverage dispensing system according to claim 1 and further including an ice-chilled cold plate, and wherein the portion of flat water received by the first carbonator is chilled by the cold plate before the flat water is received by the first carbonator.
9. (original) A portable beverage dispensing system according to claim 8 wherein the portion of flat water received by the first carbonator is chilled by the cold plate to a temperature less than about 40 degrees Fahrenheit.

10. (original) A portable beverage dispensing system according to claim 8 wherein the portion of flat water received by the first carbonator is chilled by the cold plate to a temperature of about 33 degrees Fahrenheit.

11-12. (canceled)

13. (currently amended) A portable beverage dispensing system according to claim 1 wherein the supply of pressurized gaseous carbon dioxide comprises a high pressure gas cylinder, and the cylinder conforms to the requirements of 49 CFR 178.46.

14. (currently amended) A portable beverage dispensing system according to claim 1 wherein the supply of pressurized gaseous carbon dioxide comprises a high pressure gas cylinder, and the cylinder has a liquid capacity of about 68 fluid ounces.

15. (currently amended) A portable beverage dispensing system according to claim 1, wherein the supply of pressurized gaseous carbon dioxide comprises a high pressure gas cylinder having a neck with a throat, and a plug inserted and retained within the throat and having a piercable membrane connected thereto, and further comprising a gas supply valve having a stem configured for selectively piercing the membrane.

16. (original) A portable beverage dispensing system according to claim 1 and further comprising at least one pneumatic pump powered by the pressurized carbon dioxide, the pump being configured to cause flat water to pass from the water supply to the first carbonator.

17. (canceled)

18. (currently amended) A portable beverage dispensing system comprising:

- (a) a supply of flat water;
- (b) a high pressure cylinder containing pressurized carbon dioxide and including a neck having a throat, ~~a plug inserted within and retained within the throat~~, and a selectively piercable membrane ~~connected to the plug and~~ sealing the throat;
- (b) at least one motorless carbonator configured to receive a portion of the flat water and a portion of the carbon dioxide and to cause a portion of the carbon dioxide to dissolve in the flat water to produce carbonated soda; ~~and~~
- (c) a dispenser for selectively dispensing carbonated soda, and
- (d) a flavored syrup supply and at least one pneumatic pump powered by the pressurized carbon dioxide, the pump being configured to cause flavored syrup to pass from the syrup supply to the dispenser, and wherein the dispenser mixes syrup with the carbonated soda in a desired proportion.

19. (original) A portable beverage dispensing system according to claim 18 and comprising;

(a) a first motorless carbonator configured to receive a portion of the flat water and a portion of the carbon dioxide and to cause a portion of the carbon dioxide to dissolve in the flat water to produce partially carbonated soda;

(d) a second motorless carbonator configured to receive a portion of the partially carbonated soda and a portion of the carbon dioxide and to cause a portion of the carbon dioxide to dissolve in the partially carbonated soda and to produce fully carbonated soda.

20. (original) A portable beverage dispensing system according to claim 18 wherein the flat water is supplied to the carbonator at about 90 psi to about 110 psi.

21. (original) A portable beverage dispensing system according to claim 20 wherein the flat water is supplied to the first motorless carbonator at about 100 psi.

22. (original) A portable beverage dispensing system according to claim 18 wherein the carbon dioxide is supplied to the carbonator at about 90 psi to about 110 psi.

23. (original) A portable beverage dispensing system according to claim 22 wherein the carbon dioxide is supplied to the carbonator at about 100 psi.

24. (original) A portable beverage dispensing system according to claim 18 wherein the carbonated soda has about 2.4 percent to about 4.2 percent carbonation.

25. (original) A portable beverage dispensing system according to claim 18 and further including an ice-chilled cold plate, and wherein the portion of flat water received by the carbonator is chilled by the cold plate before the flat water is received by the carbonator.

26. (original) A portable beverage dispensing system according to claim 25 wherein the portion of flat water received by the carbonator is chilled by the cold plate to a temperature less than about 40 degrees Fahrenheit.

27. (original) A portable beverage dispensing system according to claim 25 wherein the portion of flat water received by the carbonator is chilled by the cold plate to a temperature of about 33 degrees Fahrenheit.

28. (previously presented) A portable beverage dispensing system according to claim 18 wherein the membrane is configured to resist rupture at pressures less than or equal to about 1800 psi.

29. (original) A portable beverage dispensing system according to claim 18 wherein the cylinder conforms to the requirements of 49 CFR 178.46.

30. (original) A portable beverage dispensing system according to claim 18 wherein the cylinder has a liquid capacity of about 68 fluid ounces.

31. (original) A portable beverage dispensing system according to claim 18 and further comprising a gas supply valve having a stem configured for selectively piercing the membrane.

32. (original) A portable beverage dispensing system according to claim 18 and further comprising at least one pneumatic pump powered by the pressurized carbon dioxide, the pump being configured to cause flat water to pass from the water supply to the carbonator.

33. (canceled)

34. (currently amended) A portable beverage dispensing module, the module comprising:

(a) a housing;

(b) a supply of pressurized gaseous carbon dioxide ~~comprising a high pressure gas cylinder having a neck with a throat, and a plug inserted and retained within the throat and having a pierceable membrane connected thereto;~~

(c) a first motorless carbonator in the housing, the first carbonator being configured to receive flat water from a flat water supply and to receive a portion of the carbon dioxide, and to cause a portion of the carbon dioxide to dissolve in the flat water to produce partially carbonated soda;

(d) a second motorless carbonator in the housing, the second carbonator being configured to receive the partially carbonated soda and a portion of the carbon dioxide and to cause a portion of the carbon dioxide to dissolve in the partially carbonated soda and to produce fully carbonated soda; ~~and~~

(e) a dispenser for selectively dispensing the fully carbonated soda; and

(d) at least one pneumatic pump powered by the pressurized carbon dioxide, the pump being configured to cause flavored syrup to pass from a syrup supply to the dispenser, and wherein the dispenser mixes syrup with the fully carbonated soda in a desired proportion.

35. (original) A portable beverage dispensing module according to claim 34 wherein the carbon dioxide is supplied to the first and second motorless carbonators at about 90 psi to about 110 psi.

36. (original) A portable beverage dispensing module according to claim 34 wherein the carbon dioxide is supplied to the first and second motorless carbonators at about 100 psi.

37. (original) A portable beverage dispensing module according to claim 34 wherein the partially carbonated soda has about 2.4 percent to about 3.6 percent carbonation.

38. (original) A portable beverage dispensing module according to claim 34 wherein the fully carbonated soda has about 3.6 percent to about 4.2 percent carbonation.

39. (original) A portable beverage dispensing module according to claim 34 and further including an ice-chilled cold plate, and wherein the portion of flat water received by the first carbonator is chilled by the cold plate before the flat water is received by the first carbonator.

40. (original) A portable beverage dispensing module according to claim 39 wherein the portion of flat water received by the first carbonator is chilled by the cold plate to a temperature less than about 40 degrees Fahrenheit.



41. (original) A portable beverage dispensing module according to claim 39 wherein the portion of flat water received by the first carbonator is chilled by the cold plate to a temperature of about 33 degrees Fahrenheit.

42. (canceled)

43. (previously presented) A portable beverage dispensing module according to claim 34 wherein the membrane is configured to resist rupture at pressures less than or equal to about 1800 psi.

44. (previously presented) A portable beverage dispensing module according to claim 34 wherein the cylinder conforms to the requirements of 49 CFR 178.46.

45. (previously presented) A portable beverage dispensing system according to claim 34 wherein the cylinder has a liquid capacity of about 68 fluid ounces.

46. (previously presented) A portable beverage dispensing module according to claim 34 and further comprising a gas supply valve having a stem configured to selectively pierce the membrane.

47. (canceled)

48. (currently amended) A portable beverage dispensing module, the module comprising:

- (a) a housing;
- (b) a high pressure cylinder in the housing, the cylinder containing pressurized carbon dioxide and including a neck having a throat, ~~a plug disposed within and retained within the throat,~~ and a selectively piercable membrane ~~connected to the plug and disposed within~~ sealing the throat;
- (c) at least one motorless carbonator in the housing, the carbonator being configured to receive flat water from a flat water supply and a portion of the carbon dioxide and to cause a portion of the carbon dioxide to dissolve in the flat water to produce carbonated soda; ~~and~~
- (e) a dispenser for selectively dispensing the carbonated soda, and;
- (f) a flavored syrup supply and at least one pneumatic pump powered by the pressurized carbon dioxide, the pump being configured to cause flavored syrup to pass from the syrup supply to the dispenser, and wherein the dispenser mixes syrup with the carbonated soda in a desired proportion.

49. (original) A portable beverage dispensing module according to claim 48, the module comprising:

- (a) a first motorless carbonator in the housing, the first carbonator being configured to receive flat water from a flat water supply and to receive a portion of the carbon dioxide, and to cause a portion of the carbon dioxide to dissolve in the flat water to produce partially carbonated soda; and
- (b) a second motorless carbonator in the housing, the second carbonator being configured to receive the partially carbonated soda and a portion of the carbon dioxide and to

cause a portion of the carbon dioxide to dissolve in the partially carbonated soda and to produce fully carbonated soda; and

(c) a dispenser for selectively dispensing the fully carbonated soda.

50. (original) A portable beverage dispensing module according to claim 48 wherein the flat water is supplied to the carbonator at about 90 psi to about 110 psi.

51. (original) A portable beverage dispensing module according to claim 48 wherein the flat water is supplied to the carbonator at about 100 psi.

52. (original) A portable beverage dispensing module according to claim 48 wherein the carbon dioxide is supplied to the carbonator at about 90 psi to about 110 psi.

53. (original) A portable beverage dispensing module according to claim 48 wherein the carbon dioxide is supplied to the carbonator at about 100 psi.

54. (original) A portable beverage dispensing module according to claim 48 wherein the carbonated soda has about 2.4 percent to about 4.2 percent carbonation.

55. (original) A portable beverage dispensing module according to claim 48 and further including an ice-chilled cold plate, and wherein the flat water received by the carbonator is chilled by the cold plate before the flat water is received by the carbonator.

56. (original) A portable beverage dispensing module according to claim 48 wherein the flat water received by the carbonator is chilled by the cold plate to a temperature less than about 40 degrees Fahrenheit.

57. (original) A portable beverage dispensing module according to claim 48 wherein the flat water received by the carbonator is chilled by the cold plate to a temperature of about 33 degrees Fahrenheit.

58. (previously presented) A portable beverage dispensing module according to claim 48 wherein the membrane is configured to resist rupture at pressures less than or equal to about 1800 psi.

59. (original) A portable beverage dispensing module according to claim 48 wherein the cylinder conforms to the requirements of 49 CFR 178.46.

60. (original) A portable beverage dispensing module according to claim 48 wherein the cylinder has a liquid capacity of about 68 fluid ounces.

61. (original) A portable beverage dispensing module according to claim 48 and further comprising a gas supply valve having a stem configured for selectively piercing the membrane.

62. (original) A portable beverage dispensing module according to claim 48 and further comprising at least one pneumatic pump powered by the pressurized carbon dioxide, the pump being configured to cause flat water to pass from a water supply to the carbonator.

63-77. (canceled)